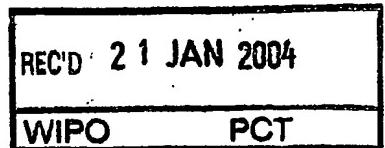


PCT/NZ03/00295



CERTIFICATE

This certificate is issued in support of an application for Patent registration in a country outside New Zealand pursuant to the Patents Act 1953 and the Regulations thereunder.

I hereby certify that annexed is a true copy of the Provisional Specification as filed on 30 June 2003 with an application for Letters Patent number 526774 made by SJI LIMITED.

Dated 12 January 2004.



Neville Harris
Commissioner of Patents, Trade Marks and Designs



PRIORITY DOCUMENT

SUBMITTED OR TRANSMITTED IN
COMPLIANCE WITH RULE 17.1(a) OR (b)

526774

FORM 4

NEW ZEALAND

S.9
Reg.19(4)

PATENTS ACT 1953

*Intellectual Property
Office of NZ*

30 JUN 2003

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PROVISIONAL SPECIFICATION

Insert Title of
Invention

AN IMPROVED ADDITIVE RELEASING BOTTLE

Insert full name,
full street address
and nationality of
(each) applicant

I/WE SJI LIMITED, a New Zealand company having its registered head office c/- Holland Beckett Maltby, Barristers & Solicitors, 96 Cameron Road, Tauranga, New Zealand

do hereby declare this invention to be described in the following statement:-

This invention relates to a modification of that described in our New Zealand provisional patent specification number 523406.

In that specification it was mentioned that the pressing means might be an integral part of the base. Further development work has confirmed that this is technically possible and is desirable to eliminate the seal which would be necessary were the two separate.

In the improved version therefore there must be a liquid proof seal closing the aperture in the container (which will usually be bottle shaped) over which the base is fitted and the additive must be sealed from the contents which will be in the container in use. The way in which this is preferably achieved is to have the additive in a blister pack which is held in place at its periphery which coacts with the joint formed between the base and the container so that a seal is formed.

The essential feature of the blister pack is that the surface facing the container aperture is rupturable in a reliable fashion when the pressing means is activated.

The base and container may be marketed empty and separately from the additive blister packs which might be user installed. One or both of the base and container might be reusable to some extent. Or the additive blister might be

installed prior to sale which would be the case if the contents to be held in the container were not easily available to the end user, or for user convenience.

The container and base and blister might be heatable or coolable if required.

While it is very convenient to have the pressing means in a base for the container there may be embodiments where the "base" is more correctly described as a closure and may not be located at the bottom of the container.

The invention is now thought to reside in a dispenser comprising:

a container having first and second apertures therein,

a first closure for sealingly closing the first aperture which first closure is openable and optionally is resealable and is adapted to enable the contents of the container to be dispensed therefrom in use,

a second closure covering the second aperture

a pressing means associated with the second closure and operable to press inwardly towards the second aperture

locating means adapted in use to locate a blister pack within the second closure to span across at least part of the second aperture

sealing means such that when a blister pack and/or the second closure is installed the second aperture is sealed closed

the construction and arrangement being such that in end use the container holds a first substance which may be a liquid and the blister pack holds a second substance which may be a liquid, a powder or granulated swallowable substance,

or a soluble solid for example and when the pressing means is activated the blister pack is ruptured enabling the mixing of the contents thereof with those of the container.

Preferably the periphery of the blister pack is engaged by the second closure and the blister pack sealingly closes the second aperture, when the blister pack is installed.

Alternatively the blister pack is held in position by the second closure which itself sealingly closes the second aperture.

Preferably the second aperture is at the base of the container.

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